

Western Operations

1252 Quarry Lane  
Pleasanton, CA 94566  
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**Clayton**  
ENVIRONMENTAL  
CONSULTANTS

November 20, 1990

Ms. Robyn Seymour  
CLAYTON ENVIRONMENTAL CONSULTANTS, INC.  
1252 Quarry Lane  
Pleasanton, CA 94566

Client Ref. 31820  
Clayton Project No. 90111.12

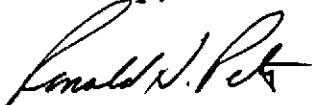
Dear Ms. Seymour:

Attached is our analytical laboratory report for the samples received on November 13, 1990. A copy of the Chain-of-Custody form acknowledging receipt of these samples is attached.

Please note that any unused portion of the samples will be disposed of 30 days after the date of this report, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Maryann Gambino, Client Services Supervisor, at (415) 426-2657.

Sincerely,

  
Ronald H. Peters, CIH  
Director, Laboratory Services  
Western Operations

RHP/tb  
Attachments

Results of Analysis  
for  
Busick Air

Client Reference: 31820  
Clayton Project No. 90111.12

Sample Identification: BH-1 Date Sampled: 11/12/90  
Lab Number: 9011112-01A Date Received: 11/13/90  
Sample Matrix/Media: WATER Date Analyzed: 11/16/90  
Analytical Method: EPA 601

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons</u>			
Chloromethane	74-87-3	ND	3
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	3
Chloroethane	75-00-3	ND	3
Methylene chloride	75-09-2	ND	10
1,1-Dichloroethene	75-35-4	ND	1
1,1-Dichloroethane	75-35-3	ND	2
Trans-1,2-Dichloroethene	156-60-5	ND	2
Cis-1,2-Dichloroethene	156-59-2	ND	2
1,2-Dichloroethene (total)	540-59-0	ND	2
Chloroform	67-66-3	ND	3
1,2-Dichloroethane	107-06-2	150	2
1,1,1-Trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	4
1,2-Dichloropropane	78-87-5	ND	3
Cis-1,3-Dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	5	2
Dibromochloromethane	124-48-1	ND	3
1,1,2-Trichloroethane	79-00-5	ND	3
Trans-1,3-Dichloropropene	10061-02-6	ND	3
2-Chloroethylvinylether	100-75-8	ND	5
Bromoform	75-25-2	ND	4
Tetrachloroethene	127-18-4	ND	3
1,1,2,2-Tetrachloroethane	79-34-5	ND	3
Chlorobenzene	108-90-7	ND	4
1,3-Dichlorobenzene	541-73-7	ND	10
1,2-Dichlorobenzene	95-50-1	ND	20
1,4-Dichlorobenzene	106-46-7	ND	20
Dichlorodifluoromethane	75-71-8	ND	5
Trichlorofluoromethane	75-69-4	ND	2
Freon 113	76-13-1	ND	3

ND Not detected at or above limit of detection  
-- Information not available or not applicable

Results of Analysis  
 for  
 Busick Air

Client Reference: 31820  
 Clayton Project No. 90111.12

Sample Identification:	BH-1	Date Sampled:	11/12/90
Lab Number:	9011112-01A	Date Received:	11/13/90
Sample Matrix/Media:	WATER	Date Analyzed:	11/16/90
Analytical Method:	EPA 602		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Aromatics</u>			
Benzene	71-43-2	ND	2
Chlorobenzene	108-90-7	ND	2
1,2-Dichlorobenzene	95-50-1	ND	3
1,3-Dichlorobenzene	541-73-7	ND	2
1,4-Dichlorobenzene	106-46-7	ND	3
Ethylbenzene	100-41-4	ND	2
Toluene	108-88-3	ND	2
Xylenes	1330-20-7	ND	2

ND Not detected at or above limit of detection  
 -- Information not available or not applicable

Results of Analysis  
for  
Busick Air

Client Reference: 31820  
Clayton Project No. 90111.12

Sample Identification: BH-2 Date Sampled: 11/12/90  
Lab Number: 9011112-02A Date Received: 11/13/90  
Sample Matrix/Media: WATER Date Analyzed: 11/14/90  
Analytical Method: EPA 601

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons</u>			
Chloromethane	74-87-3	ND	30
Bromomethane	74-83-9	ND	40
Vinyl chloride	75-01-4	ND	30
Chloroethane	75-00-3	ND	30
Methylene chloride	75-09-2	ND	100
1,1-Dichloroethene	75-35-4	ND	10
1,1-Dichloroethane	75-35-3	ND	20
Trans-1,2-Dichloroethene	156-60-5	ND	20
Cis-1,2-Dichloroethene	156-59-2	42	20
1,2-Dichloroethene (total)	540-59-0	40	20
Chloroform	67-66-3	ND	30
1,2-Dichloroethane	107-06-2	160	20
1,1,1-Trichloroethane	71-55-6	ND	30
Carbon tetrachloride	56-23-5	ND	30
Bromodichloromethane	75-27-4	ND	40
1,2-Dichloropropane	78-87-5	ND	30
Cis-1,3-Dichloropropene	10061-01-5	ND	30
Trichloroethene	79-01-6	1,500	20
Dibromochloromethane	124-48-1	ND	30
1,1,2-Trichloroethane	79-00-5	ND	30
Trans-1,3-Dichloropropene	10061-02-6	ND	30
2-Chloroethylvinylether	100-75-8	ND	50
Bromoform	75-25-2	ND	40
Tetrachloroethene	127-18-4	50	30
1,1,2,2-Tetrachloroethane	79-34-5	ND	30
Chlorobenzene	108-90-7	ND	40
1,3-Dichlorobenzene	541-73-7	ND	100
1,2-Dichlorobenzene	95-50-1	ND	200
1,4-Dichlorobenzene	106-46-7	ND	200
Dichlorodifluoromethane	75-71-8	ND	50
Trichlorofluoromethane	75-69-4	ND	20
Freon 113	76-13-1	ND	30

ND Not detected at or above limit of detection  
-- Information not available or not applicable

Results of Analysis  
 for  
 Busick Air

Client Reference: 31820  
 Clayton Project No. 90111.12

Sample Identification:	BH-2	Date Sampled:	11/12/90
Lab Number:	9011112-02A	Date Received:	11/13/90
Sample Matrix/Media:	WATER	Date Analyzed:	11/14/90
Analytical Method:	EPA 602		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Aromatics</u>			
Benzene	71-43-2	ND	20
Chlorobenzene	108-90-7	ND	20
1,2-Dichlorobenzene	95-50-1	ND	30
1,3-Dichlorobenzene	541-73-7	ND	20
1,4-Dichlorobenzene	106-46-7	ND	30
Ethylbenzene	100-41-4	ND	20
Toluene	108-88-3	ND	20
Xylenes	1330-20-7	ND	20

ND Not detected at or above limit of detection  
 -- Information not available or not applicable



Results of Analysis  
for  
Busick Air

Client Reference: 31820  
Clayton Project No. 90111.12

Sample Identification:	BH-3	Date Sampled:	11/12/90
Lab Number:	9011112-03A	Date Received:	11/13/90
Sample Matrix/Media:	WATER	Date Analyzed:	11/14/90
Analytical Method:	EPA 602		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Aromatics</u>			
Benzene	71-43-2	ND	8
Chlorobenzene	108-90-7	ND	6
1,2-Dichlorobenzene	95-50-1	ND	10
1,3-Dichlorobenzene	541-73-7	ND	6
1,4-Dichlorobenzene	106-46-7	ND	10
Ethylbenzene	100-41-4	ND	6
Toluene	108-88-3	ND	6
Xylenes	1330-20-7	ND	8

ND Not detected at or above limit of detection  
-- Information not available or not applicable

Results of Analysis  
for  
Busick Air

Client Reference: 31820  
Clayton Project No. 90111.12

Sample Identification: TRIP BLANK (0102990)      Date Sampled: --  
Lab Number: 9011112-04A      Date Received: 11/13/90  
Sample Matrix/Media: WATER      Date Analyzed: 11/16/90  
Analytical Method: EPA 601

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons</u>			
Chloromethane	74-87-3	ND	0.6
Bromomethane	74-83-9	ND	0.7
Vinyl chloride	75-01-4	ND	0.5
Chloroethane	75-00-3	ND	0.5
Methylene chloride	75-09-2	ND	2
1,1-Dichloroethene	75-35-4	ND	0.2
1,1-Dichloroethane	75-35-3	ND	0.4
Trans-1,2-Dichloroethene	156-60-5	ND	0.4
Cis-1,2-Dichloroethene	156-59-2	ND	0.4
1,2-Dichloroethene (total)	540-59-0	ND	0.4
Chloroform	67-66-3	ND	0.5
1,2-Dichloroethane	107-06-2	ND	0.3
1,1,1-Trichloroethane	71-55-6	ND	0.5
Carbon tetrachloride	56-23-5	ND	0.6
Bromodichloromethane	75-27-4	ND	0.7
1,2-Dichloropropane	78-87-5	ND	0.5
Cis-1,3-Dichloropropene	10061-01-5	ND	0.5
Trichloroethene	79-01-6	ND	0.3
Dibromochloromethane	124-48-1	ND	0.6
1,1,2-Trichloroethane	79-00-5	ND	0.6
Trans-1,3-Dichloropropene	10061-02-6	ND	0.6
2-Chloroethylvinylether	100-75-8	ND	1
Bromoform	75-25-2	ND	0.7
Tetrachloroethene	127-18-4	ND	0.5
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.5
Chlorobenzene	108-90-7	ND	0.7
1,3-Dichlorobenzene	541-73-7	ND	2
1,2-Dichlorobenzene	95-50-1	ND	4
1,4-Dichlorobenzene	106-46-7	ND	4
Dichlorodifluoromethane	75-71-8	ND	1
Trichlorofluoromethane	75-69-4	ND	0.4
Freon 113	76-13-1	ND	0.6

ND Not detected at or above limit of detection  
-- Information not available or not applicable



Results of Analysis  
 for  
 Busick Air

Client Reference: 31820  
 Clayton Project No. 90111.12

Sample Identification: TRIP BLANK (0102990)      Date Sampled: --  
 Lab Number: 9011112-04A      Date Received: 11/13/90  
 Sample Matrix/Media: WATER      Date Analyzed: 11/16/90  
 Analytical Method: EPA 602

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Aromatics</u>			
Benzene	71-43-2	ND	0.4
Chlorobenzene	108-90-7	ND	0.3
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-7	ND	0.3
1,4-Dichlorobenzene	106-46-7	ND	0.5
Ethylbenzene	100-41-4	ND	0.3
Toluene	108-88-3	ND	0.3
Xylenes	1330-20-7	ND	0.4

ND Not detected at or above limit of detection  
 -- Information not available or not applicable

Results of Analysis  
for  
Busick Air

Client Reference: 31820  
Clayton Project No. 90111.12

Sample Identification:	METHOD BLANK	Date Sampled:	--
Lab Number:	9011112-06A	Date Received:	--
Sample Matrix/Media:	WATER	Date Analyzed:	11/14/90
Analytical Method:	EPA 601		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Halocarbons</u>			
Chloromethane	74-87-3	ND	0.6
Bromomethane	74-83-9	ND	0.7
Vinyl chloride	75-01-4	ND	0.5
Chloroethane	75-00-3	ND	0.5
Methylene chloride	75-09-2	ND	2
1,1-Dichloroethene	75-35-4	ND	0.2
1,1-Dichloroethane	75-35-3	ND	0.4
Trans-1,2-Dichloroethene	156-60-5	ND	0.4
Cis-1,2-Dichloroethene	156-59-2	ND	0.4
1,2-Dichloroethene (total)	540-59-0	ND	0.4
Chloroform	67-66-3	ND	0.5
1,2-Dichloroethane	107-06-2	ND	0.3
1,1,1-Trichloroethane	71-55-6	ND	0.5
Carbon tetrachloride	56-23-5	ND	0.6
Bromodichloromethane	75-27-4	ND	0.7
1,2-Dichloropropane	78-87-5	ND	0.5
Cis-1,3-Dichloropropene	10061-01-5	ND	0.5
Trichloroethene	79-01-6	ND	0.3
Dibromochloromethane	124-48-1	ND	0.6
1,1,2-Trichloroethane	79-00-5	ND	0.6
Trans-1,3-Dichloropropene	10061-02-6	ND	0.6
2-Chloroethylvinylether	100-75-8	ND	1
Bromoform	75-25-2	ND	0.7
Tetrachloroethene	127-18-4	ND	0.5
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.5
Chlorobenzene	108-90-7	ND	0.7
1,3-Dichlorobenzene	541-73-7	ND	2
1,2-Dichlorobenzene	95-50-1	ND	4
1,4-Dichlorobenzene	106-46-7	ND	4
Dichlorodifluoromethane	75-71-8	ND	1
Trichlorofluoromethane	75-69-4	ND	0.4
Freon 113	76-13-1	ND	0.6

ND Not detected at or above limit of detection  
-- Information not available or not applicable

Results of Analysis  
 for  
 Busick Air

Client Reference: 31820  
 Clayton Project No. 90111.12

Sample Identification:	METHOD BLANK	Date Sampled:	--
Lab Number:	9011112-06A	Date Received:	--
Sample Matrix/Media:	WATER	Date Analyzed:	11/14/90
Analytical Method:	EPA 602		

Analyte	CAS #	Concentration (ug/L)	Limit of Detection (ug/L)
<u>Purgeable Aromatics</u>			
Benzene	71-43-2	ND	0.4
Chlorobenzene	108-90-7	ND	0.3
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-7	ND	0.3
1,4-Dichlorobenzene	106-46-7	ND	0.5
Ethylbenzene	100-41-4	ND	0.3
Toluene	108-88-3	ND	0.3
Xylenes	1330-20-7	ND	0.4

ND Not detected at or above limit of detection  
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